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11-23-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	018781-007410US
First Inventor	
Tian, Hui	
Title	NOVEL RECEPTORS
Express Mail Label No.	EL 827036703 US

1/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

ADDRESS TO Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

- | | |
|-----------------------------|--|
| 1. X | Fee Transmittal Form (e.g., PTO/SB/17)
<i>(Submit an original and a duplicate for fee processing)</i> |
| 2. <input type="checkbox"/> | Applicant claims small entity status.
See 37 CFR 1.27. |
| 3. X | Specification [Total Pages 86]
<i>(preferred arrangement set forth below)</i> |
| | - Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or
a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (<i>if filed</i>)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure |
| 4. X | Drawing(s) (35 U.S.C.113) [Total Sheets 11] |
| 5. Oath or Declaration | [Total Pages] |
| a. <input type="checkbox"/> | Newly executed (original or copy) |
| b. <input type="checkbox"/> | Copy from a prior application (37 CFR 1.63 (d))
<i>(for a continuation/divisional with Box 18 completed)</i> |
| i. <input type="checkbox"/> | <u>DELETION OF INVENTOR(S)</u>
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b). |
| 6. X | Application Data Sheet. See 37 CFR 1.76 |

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper number of pages
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

- Assignment Papers (cover sheet & document(s))
 - 10. 37 C.F.R. §3.73(b) Statement Power of Attorney
(when there is an assignee)
 - 11. English Translation Document (*if applicable*)
 - 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
 - 13. Preliminary Amendment
 - 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 - 16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
 - 17. Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

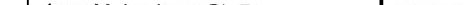
Continuation Divisional Continuation-in-part (CIP) of prior application No' _____ / _____
Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 20350 or Correspondence address below
(Insert Customer No. or Attach bar code label here)

<i>Name</i>						
<i>Address</i>						
<i>City</i>			<i>State</i>		<i>Zip Code</i>	
<i>Country</i>		<i>Telephone</i>			<i>Fax</i>	

Name (Print/Type)	Jean M. Lockyer, Ph.D.	Registration No. (Attorney/Agent)	44,879
Signature		Date	11/21/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231
SF 1294772 v1

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 2084

Complete if Known	
Application Number	
Filing Date	November 21, 2001
First Named Inventor	Tian, Hui
Examiner Name	
Group Art Unit	
Attorney Docket No.	018781-007410US

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

SUBTOTAL (1)

(\$740)

2. EXTRA CLAIM FEES

Total Claims	48	-20**	= 28	Extra Claims	X \$18	= \$504	Fee from below	Fee Paid
Independent Claims	13	-3**	= 10		X \$84	= \$840		
Multiple Dependent					X	=		

Large Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
103	18	203	9
102	84	202	42
104	280	204	140
109	84	209	42
110	18	210	9

Claims in excess of 20

Independent claims in excess of 3

Multiple dependent claim, if not paid

** Reissue independent claims over original patent

** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$1344)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Petitions related to provisional applications	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify)				

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

**or number previously paid, if greater. For Reissues, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jean M. Lockyer, Ph.D.	Registration No. (Attorney/Agent)	44,879	Telephone	415-576-0200	
Signature					Date	11/21/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	
		Filing Date	November 21, 2001
		First Named Inventor	Tian, Hui
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	108	Attorney Docket Number	018781-007410US

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Informal Drawing(s) with Nonprovisional Patent Application	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard; Utility Patent Application Transmittal SB/05; Application Data Sheet.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

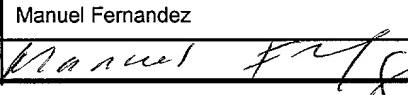
Firm and Individual name	Townsend and Townsend and Crew LLP Jean M. Lockyer, Ph.D.	
Signature		
Date	11/21/2001	

CERTIFICATE OF MAILING

Express Mail Label: EL 827036703 US

I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date 11/21/2001 and is addressed to:

Assistant Commissioner for Patents, Washington, D.C. 20231

Typed or printed name	Manuel Fernandez	
Signature		Date 11/21/2001

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